Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: N520-01M

Multimode Fiber Optics 1-meter (3-ft.) Duplex MMF 50/125 Patch Cable, LC/LC

Highlights

- Premium PVC multimode patch cables
- Attenuation loss meets or exceeds the latest industry standards
- Loop-back cables provide an easier, "single-person" solution for testing fiber optic cable systems
- Higher bandwidth optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications

Description

Tripp Lite's 1-meter multimode duplex Fibre Channel optic LC/LC patch cable is manufactured from 50/125 zipcord fiber. The cable has LC connectors on each end. It has a PVC jacket and is FDDI and OFNR rated. 50/125 Duplex multimode fiber is most commonly used in Fibre Channel applications. It is backward compatible with 62.5 micron fiber and provides built-in headroom for future applications. The cable provides higher bandwidth optimized for Gigabit and 10Gbps networks as well. Also available in lengths up to 152 meters. Enter "N520-" in the search field to bring up all lengths. For LC-SC cables, search "N516-", and for SC-SC, search "N506-". Tripp Lite warrants this product to be free from defects in materials and workmanship for life.

System Requirements

- Any fiber optic hardware or NIC card requiring multimode duplex cable with LC/LC connectors

Package Includes

- 1M duplex MMF cable LC/LC 50/125 fiber

Features

- Constructed with 50/125 micron cable
- Length: 1-meter
- Use on fiber and fibre channel installations
- LC male to LC male connectors
- Higher bandwidth optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications
- Number of fibers: 2
- Fiber type: All glass graded index
- Core diameter: Two 50+/-3 microns
- CLAD diameter: 125+/-2 microns
- Primary coating diameter: 245+/-15 microns
- Primary coating material: Acrylate
- Secondary coating diameter: 900+/-50 microns
- Secondary coating material: PVC

- Attenuation @850NM: 3.5DB/KM maximum, @1300NM: 1.0DB/KM maximum
- Bandwidth @850NM: 220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
- Numerical aperture: .275 nominal
- Proof test level: 100,000 PSI
- Insertion loss testing performed on every connector (0.2db typical) and provided with cable
- Beveled edge on ends of glass makes insertion of plug a breeze
- Tripp Lite warrants this product to be free from defects in materials and workmanship for life

Specifications

OVERVIEW	
Attenuation @ 850NM	3.5DB/KM maximum, @1300NM: 1.0DB/KM maximum
Bandwidth @ 850NM	220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
Clad Diameter	125+/-2 microns
Core Diameter	Two 50+/-3 microns
Fiber Type	All glass graded index
Number of Fibers	2
Numerical Aperture	.275 nominal
Primary Coating Diameter	245+/-15 microns
Primary Coating Material	Acrylate
Proof Test Level	100,000 PSI
Secondary Coating Diameter	900+/-50 microns
Secondary Coating Material	PVC
Intended Application	Computer Networking (Fiber)
PHYSICAL	
Color	Orange
Style	Fiber Optic
Length	1 m
CONNECTIONS	
Connector A	LC
Connector B	LC
Connector C	LC
Connector D	LC
Number of Connectors	4
CERTIFICATIONS	
Certifications	ROHS

Related Items

Fiber Optic Cables & Adapters		
N520-03M	Multimode Fiber Optics 3-meter (10-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]

N520-10M	Multimode Fiber Optics 10-meter (33-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-50M	Multimode Fiber Optics 50-meter (165-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-30M	Multimode Fiber Optics 30-meter (100-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-15M	Multimode Fiber Optics 15-meter (50-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-05M	Multimode Fiber Optics 5-meter (16-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-02M	Multimode Fiber Optics 2-meter (6-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N516-01M	Multimode Fiber Optics 1-meter (3-ft.) Duplex MMF 50/125 Patch Cable, LC/SC	Qty: [optional]
N506-01M	Multimode Fiber Optics 1-meter (3-ft.) Duplex MMF 50/125 Patch Cable, SC/SC	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=2611.

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